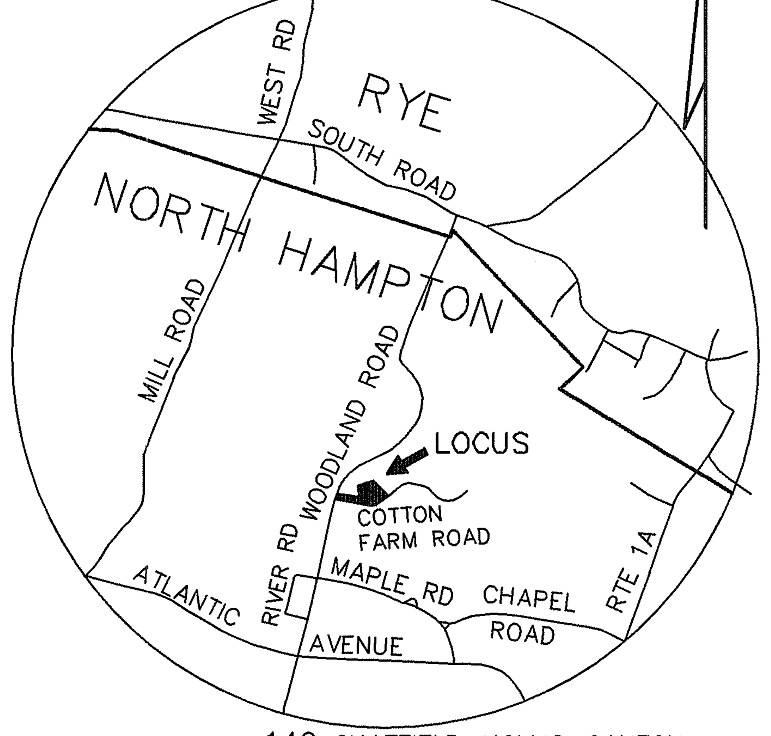
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 140 CHATFIELD-HOLLIS-CANTON
538 SQUAMSCOTT
(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL 8" MAPLE EL 50.56

#2 SET PK NAIL IN DRIVEWAY EL 47.00

#3 SET PK NAIL 6" MAPLE EL 51.67

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.4
2. THERE IS/ARE APPROX 2.8 FT BELOW EXISTING GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. EL 52.2

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

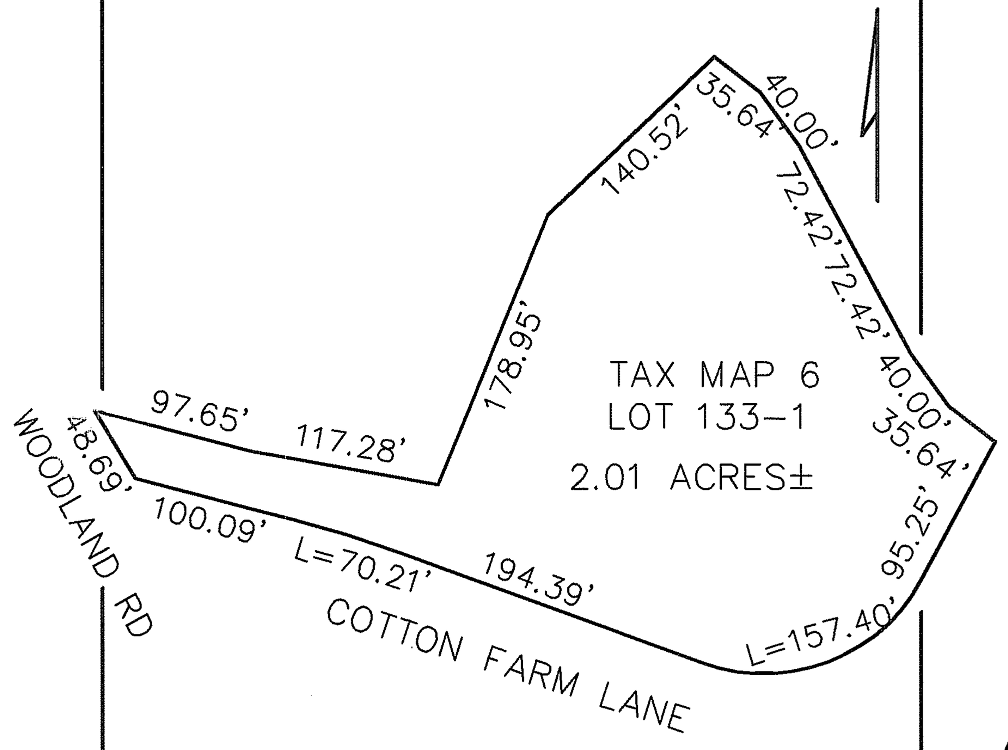
50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:

   RCRD PLAN C24021
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: SA1995000034

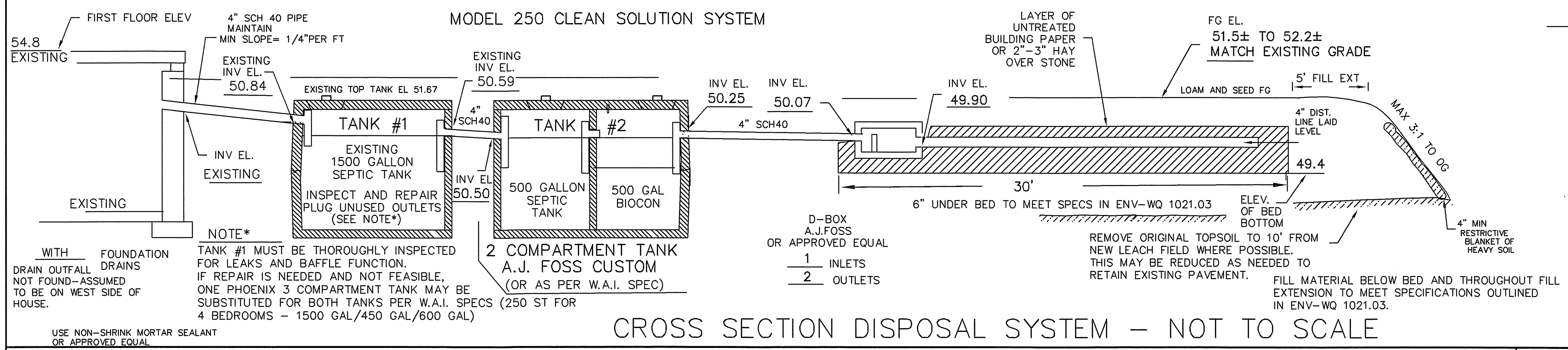
   PREVIOUS CONSTRUCTION APPROVAL# CA1995001696
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE.
   BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.

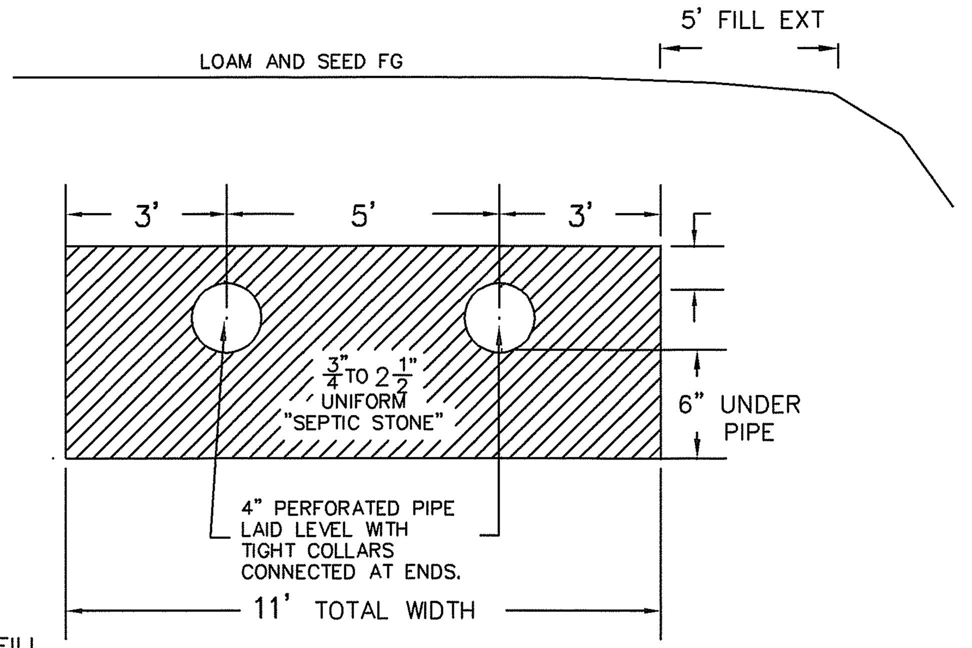


PLOT PLAN

SCALE: 1"=100'±

ALL COMPONENTS UNDER PAVEMENT OR ROADWAY MUST BE H-20





CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

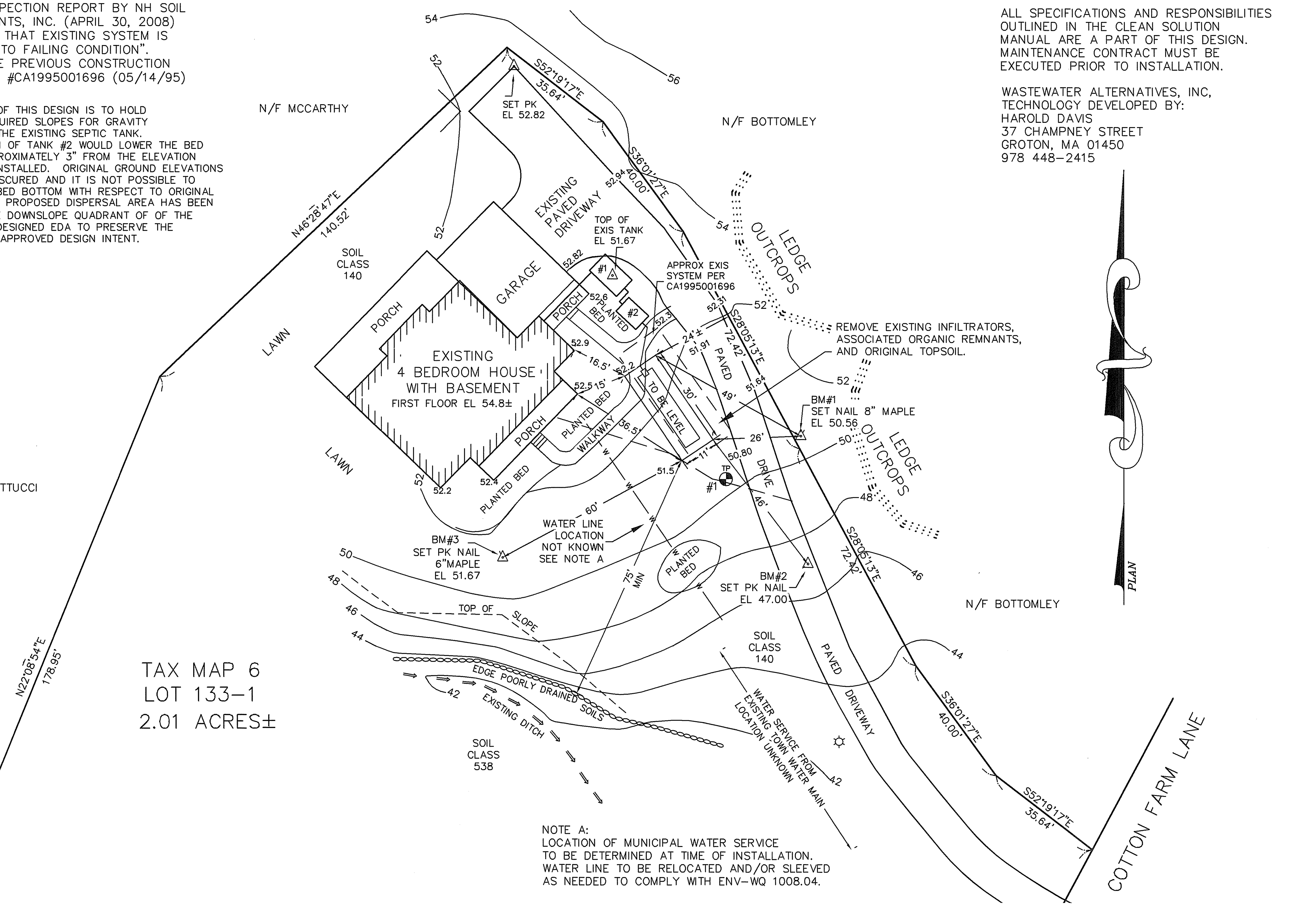
PLAN : 1"=20'

NOTE: INSPECTION REPORT BY NH SOIL CONSULTANTS, INC. (APRIL 30, 2008) INDICATES THAT EXISTING SYSTEM IS IN "POOR TO FAILING CONDITION". REFERENCE PREVIOUS CONSTRUCTION APPROVAL #CA1995001696 (05/14/95)

THE INTENT OF THIS DESIGN IS TO HOLD MINIMUM REQUIRED SLOPES FOR GRAVITY FLOW FROM THE EXISTING SEPTIC TANK. THE ADDITION OF TANK #2 WOULD LOWER THE BED BOTTOM APPROXIMATELY 3" FROM THE ELEVATION ORIGINALLY INSTALLED. ORIGINAL GROUND ELEVATIONS ARE NOW OBSCURED AND IT IS NOT POSSIBLE TO VERIFY THE BED BOTTOM WITH RESPECT TO ORIGINAL GROUND. THE PROPOSED DISPERSAL AREA HAS BEEN SITED IN THE DOWNSLOPE QUADRANT OF OF THE ORIGINALLY DESIGNED EDA TO PRESERVE THE PREVIOUSLY APPROVED DESIGN INTENT.

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN THE CLEAN SOLUTION MANUAL ARE A PART OF THIS DESIGN. MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

WASTEWATER ALTERNATIVES, INC.
TECHNOLOGY DEVELOPED BY:
HAROLD DAVIS
37 CHAMPNEY STREET
GROTON, MA 01450
978 448-2415



TAX MAP 6
LOT 133-1
2.01 ACRES±

NOTE A:
LOCATION OF MUNICIPAL WATER SERVICE TO BE DETERMINED AT TIME OF INSTALLATION. WATER LINE TO BE RELOCATED AND/OR SLEEVED AS NEEDED TO COMPLY WITH ENV-WQ 1008.04.

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.

ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA

DATE: MAY 27, 2008

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 EL 50.5±

0 -9"	TOPSOIL & LAWN ROOTS
9 -33"	CLEAN SAND FILL
33-43"	MISC GRADED FILL OVER ORIGINAL TOPSOIL
43-55"	ORIGINAL TOPSOIL, NOW COMPACTED, RESTRICTIVE
55-80"	10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE (MOTTLES BELOW 77"±)

ESHWT @ 77", NO OBSERVED WATER, NO REFUSAL.
OLD ROOTS FROM 55-77"±

PERC TEST DATA

6 MIN/IN AT 40" PER ORIGINAL DESIGN

N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: 4 BEDROOMS

AREA REQUIRED: WASTEWATER ALTERNATIVES MINIMUM DISPERAL AREA = 150 SF

AREA PROPOSED: 11' X 30' = 330 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

LOCUS: 2 COTTON FARM LANE
NORTH HAMPTON, NH

OWNER: MARTIN PIHL
2 COTTON FARM LANE
NORTH HAMPTON, NH 03862

NEW HAMPSHIRE Designer of Subsurface Disposal Systems
Ann W. Bialobrzeski
No. 348

ANNE W. BIALOBRZESKI #348

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843
603 929-7404

DATE: MAY 30, 2008

APPROVAL: CA2008093143

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